

great Trap Dyke across Southeastern Pennsylvania," to be accompanied by a map, not to cost over \$25.

Permission was given the Secretaries to have a plate prepared at an estimated cost of not over \$30 for Prof. Cope's paper on the Palæontology of Brazil (read April 17, 1885).

The President reported that he had appointed Prof. W. H. Pancoast to prepare an obituary notice of the late Prof. Ellerslie Wallace, and that as yet no person had accepted the same duty for the late Titian R. Peale.

The proceedings of the officers and Council were submitted.

Nominations Nos. 1049-1057, and new nominations Nos. 1057-1068, were read.

The rough minutes were read and the Society was adjourned by the President.

Stated Meeting, June 19, 1885.

Present, 13 members.

President, Mr. FRALEY, in the Chair.

Mr. Samuel Wagner, a newly elected member, was presented to the Chair and took his seat.

Donations for the Library were received from the Physikalische Central-Observatorium at St. Petersburg; the Societas pro Fauna et Flora Fennica at Helsingfors; the K. B. Akademie der Wissenschaften and the Münchener Sternwarte; the K. K. Geologische Reichsanstalt; the Zoologischer Anzeiger, Leipzig, the R. P. Akademie der Wissenschaften and the Deutsche Geologische Gesellschaft at Berlin; the K. Gesellschaft der Wissenschaften at Göttingen; the Société de Physique et d'Histoire Naturelle at Geneva; the Musée Royal d'Histoire Naturelle de Belgique; the R. Accademia dei Lincei; the Società Toscana di Scienze Naturali; the Société de Géographie at Paris; the Royal Geographical and Astronomical Societies and Nature, London; the Philosophical

Society at Cambridge; the Royal Geological Society of Cornwall; the Nova Scotian Institute; the Boston Society of Natural History; the Essex Institute; the Rhode Island Society for the Encouragement of Domestic Industry; the American Journal of Science; the Academy of Sciences, the Meteorological Observatory and Prof. John S. Newberry of New York; the Brooklyn Library; Mr. John B. Smith of Brooklyn; the Franklin Institute, the Historical Society of Pennsylvania, the Pharmaceutical Association, the Mercantile Library, the American Naturalist, Mr. Henry Phillips, Jr., and the Misses Phillips of Philadelphia; the American Journal of Philology, Baltimore; the United States National Museum; the Virginia Historical Society; Mr. Jed. Hotchkiss of Staunton; the Public Library of Cincinnati; the Brookville Society of Natural History; Rev. Stephen D. Peet of Chicago; the State Historical Society of Iowa; the California Academy of Sciences; and the Observatorio Nacional Argentino.

Letters of envoy were received from La Société de Physique et d'Histoire Naturelle de Genève, Yorkshire Geological and Polytechnic Society (Chevinedge, Halifax, England); Cambridge Philosophical Society; Engineers' Club (Philadelphia); Virginia Historical Society.

On motion the latter Society was placed upon the exchange list and ordered to receive the Society's Proceedings from No. 96.

Letters of acknowledgment were received from La Société de Physique et d'Histoire Naturelle de Genève (Trans. XVI. i., Proceedings 109-114); Academie Royale Danoise des Sciences et des Lettres, Copenhagen (Trans. XVI. i., Proceedings 113, 114); Library of the University of Cambridge (116); Statistical Society of London (116); U. S. Geological Survey (117, 118); U. S. Surgeon General's Office (117, 118); the Smithsonian Institution (117, 118); Trübner & Co. (118); London Zoölogical Society (Proceedings 112, 113, 114, 115, 116; Trans. XVI., i.); Philosophical Society of West Chester (118); Kansas State Historical Society (118); Leander McCormick Observatory, University of Virginia (118, 119).

Letters of acknowledgment for Proceedings No. 119 were read from the Maine, Connecticut, New Hampshire, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Georgia, Kansas State, Wisconsin and Chicago Historical Societies; New Bedford Free Public Library; U. S. Surgeon-General's Office (Washington, D.C.); University of California (Berkeley, Cal.); Philosophical Society of West Chester (Pa.); Brown University (Providence, R. I.); American Antiquarian Society; Boston Athenæum; Astor Library (New York City, N. Y.); Essex Institute; Numismatic and Antiquarian Society of Philadelphia; Wyoming Historical and Geological Society (Wilkes-Barrè, Pa.); Young Men's Library (Buffalo, N. Y.); University of the City of New York (New York); Entomological Society of Brooklyn (N. Y.); Library U. S. Military Academy (West Point, N. Y.); Library of the State of New York (Albany, N. Y.); Cincinnati Observatory; Rantoul Literary Society; U. S. Naval Institute (Annapolis, Md.); College of Physicians (Philadelphia); Library Company of Philadelphia; Smithsonian Institution; Prof. J. W. Moore (Easton, Pa.); Henry Phillips, Jr. (Philadelphia); Dr. W. S. W. Ruschenberger (Philadelphia); Wm. B. Taylor (Washington, D. C.); J. J. Stevenson.

The death of Robert Treat Paine of Brookline, Mass., was announced as having occurred June 3, 1885 (born October 12, 1804).

On motion the President was authorized to appoint, if he saw fit, a proper person to prepare the usual obituary notice.

The death of Prof. Thos. C. Archer, of Edinburgh, was announced.

Dr. Harrison Allen presented for the Transactions a paper by Dr. J. Francis Walsh on the anatomy and functions of the muscles of the hand and of the extensor tendons of the thumb, which was upon motion referred to Dr. Brinton, Dr. Ruschenberger and Dr. Leidy to examine and report upon.

Dr. A. S. Gatschet presented a paper on the Beothuk Indians, with a vocabulary.

Professor Cope presented a paper entitled "A Second Cor-

tinuation of Researches among the Batrachia of the Coal Regions of Ohio."

Prof. Cope presented a paper by Dr. Alfred C. Stokes of Trenton, N. J., on some new hypotrichnous infusoria.

Pending nominations Nos. 1049-1068 were read.

On motion the Society subscribed to the Monthly Catalogue of the Publications of the United States Government, issued by Jno. H. Hickey, of Washington.

On motion the Treasurer was authorized to receive ten thousand dollars six per cent loan of the City of Philadelphia, which will fall due on July 1, 1885.

Prof. Cope requested permission to add some new matter to his paper on Mexican Zoölogy (read April 17, 1885), which was now in press.

Mr. McKean offered the following resolution, which was unanimously adopted :

Resolved, That the Society permit Prof. Cope to make the additions to the paper as requested by him ; but that hereafter when material changes shall be proposed to a paper already ordered to be printed in the Proceedings, the proposed changes or additions shall first be submitted to the Secretaries, and it shall be in the discretion of the Secretaries either to admit or exclude the changes or ask the advice of the Society thereon.

At the suggestion of the President, and on motion of Mr. Phillips, it was resolved that the Committee on Publication be requested to take into consideration the present system of publishing the Proceedings and Transactions of the Society and to report what it believed would be the best mode of publication and issue, and what changes if any in the present method are desirable.

The rough minutes were read and the Society was adjourned by the President.